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PATENT 0283-0177P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Rikako KONO et al. Conf.: Unassigned

Appl. No.: 10/665,528 Group: Unassigned

Filed: September 22, 2003 Examiner: UNASSIGNED

For: LARGE CONDUCTANCE CALCIUM-ACTIVATED K

CHANNEL OPENER

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FILING OF AN APPLICATION
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE
OR CONCURRENTLY WITH A RULE 1.114 RCE APPLICATION)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

January 23, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

II. COPIES (check at least one box)

- a. This application was filed before June 30, 2003.

 Accordingly, submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b.

 This application was filed on or after June 30, 2003. Accordingly, copies of cited U.S. patents and patent application publications therefore are not included. Copies of foreign patent documents and non-patent literature are included.

Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

a. DOCUMENTS IN THE ENGLISH LANGUAGE

The patents, publications, or other information listed on the attached PTO 1449 are in the English language and therefore, do not require a statement of relevancy.

b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

C. ENGLISH LANGUAGE SEARCH REPORT

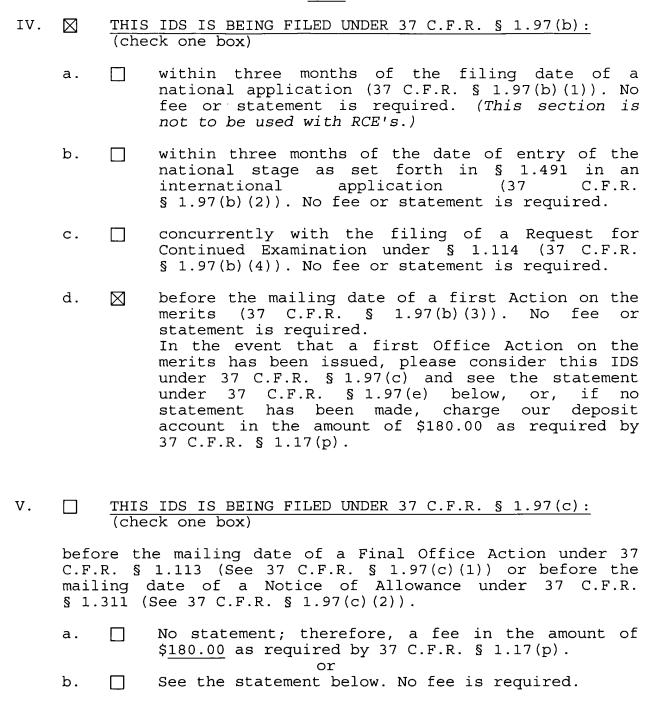
An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

d. \boxtimes OTHER

The following additional information is provided for the Examiner's consideration.

- 1. English Abstracts of JP 07-291936 and JP 2000-351773 are provided.
- 2. U.S. Patent No. 5,998,459 corresponds to WO 96/40634, referred to at page 2, paragraph [0004] of the present specification.
- 3. WO 95/15318 corresponds to JP-A-9-506350, referred to at page 2, paragraph [0004] of the present specification.
- 4. WO 95/00501 corresponds to JP-A-9-500372, referred to at page 2, paragraph [0004] of the present specification.

FEES



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VI.									
	The t	ınders	igned hereby states that						
	a.		each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or						
	b.		no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.						
	С.		Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.						
VII.	PAYMENT OF FEES (check one box)								
		A check in the amount of $$180.00$ as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee.							
		Please charge Deposit Account No. 02-2448 in the amount required by 37 C.F.R. § 1.17(p) for the above indicated fee. A triplicate copy of this paper is attached.							
	\boxtimes	No fe	e is required.						

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Murphy, Jr., #28,977

P.O. Box 747

Falls Church, VA 22040-0747

(703) 205-8000

GMM/CAM:trb 0283-0177P

Attachment(s):

☐ PTO-1449

Documents

Foreign Search Report

Fee

Other:

(Rev. 09/30/03)

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	Hewawa	sam et al., J	. Med. Che	em., Vol. 45,	Pages 1487-1499,	(2002)			
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	Englis	h Abstract of	JP 2000-	351773, (Dece	mber 19, 2000)				
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ATTY. DOCKET NO. APPLICATION NO. 0283-0177P 10/665,528 APPLICANT INFORMATION DISCLOSURE CITATION Rikako KONO et al. IN AN APPLICATION FILING DATE (Use several sheets if necessary) GROUP September 22, 2003 Unassigned U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE Kind NAME FILING DATE
IF APPROPRIATE US 6,103,925 2000-08-15 Urbahns et al. US 5,990,121 1999-11-23 Urbahns et al. US 5,646,166 1997-07-08 Urbahns et al. US 5,670,525 1997-09-23 Urbahns et al. US 5,625,251 1997-07-29 Urbahns et al. US 6,121,284 2000-09-19 Urbahns et al. US 5,530,014 1996-06-25 Urbahns et al. US 5,665,741 1997-09-09 Urbahns et al. US 5,998,459 1999-12-07 Tsuda et al. FOREIGN PATENT DOCUMENTS DOCUMENT Office Kind DATE COUNTRY NUMBER YES NO WO 00/24741 A2 2000-05-04 PCT WO 98/23273 Α1 1998-06-04 PCT WO 99/38510 A1 1999-08-05 PCT 99/09983 WO A1 1999-03-04 PCT 95/00501 WO 1995-01-05 PCT A2 WO 95/15318 1995-06-08 PCT Α1 98/04135 WO A1 1998-02-05 PCT WO 00/34244 A1 PCT 2000-06-15 1302463 A1 2003-04-16 EPO OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. Olesen et al., European Journal of Pharmacology, Vol. 251, Pages 53-59, (1994) Baragatti et al., Eur. J. Med. Chem., Vol 35, Pages 949-955, (2000) Hu et al., Drug Development Research, Vol. 41, Pages 10-21, (1997) Hewawasam et al., Bioorganic & Medical Chemistry Letters, Vol. 12, Pages 1023-1026, (2002)EXAMINER DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.B.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.